DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION

X	Original		Supplemental		Substitute
As a	below named inventor, I here	bv de	eclare that:		
		•	citizenship are as stated below next to	mv r	name, and
l beli and j	eve I am the original, first an	id so e nar	le inventor (if only one name is listed ne is listed below) of the subject matte	belov	w) or an original, first
HET	EREOARYL NITRILE DERIV	ATIV	ES		
the s	pecification of which:				
	is attached hereto.				
	was filed on (da	y/mor	as Application No		
	and, if this box (□) contain	ns an	×		
	□ was amended on	(da	ay/month/year)		
X	was filed as Patent Coope	ratio	n Treaty international Application No.		
	PCT/EP03/09621	-	on <u>29/08/2003</u> (day/month/year)		
	and, if this box (□) contain	ns an	×		
	entered the nation	al sta	age in the United States and was acco	rded	Application No.
	and, if this box (□) contain	ns an	<u>x</u>		
	was amended, sul	bseq	uent to entry into the national stage, or	n _	
					(day/month/year)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) specifically referred to above and, if this application was filed as a Patent Cooperation Treaty international application, by any amendments made during the international stage (including any made under Patent Cooperation Treaty Rule 91, Article 19 and Article 34).

I acknowledge my duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or Patent Cooperation Treaty international filing date of the continuation-in-part application.

I hereby claim the benefit under 35 U.S.C. 119(a)-(d) or (f) or 365(b) of any foreign application(s) for patent, inventor's certificate or plant breeder's right certificate listed below and under 35 U.S.C. 365(a) of any Patent Cooperation Treaty international application(s) designating at least one country other than the United States listed below and have also listed below any foreign application(s) for patent, inventor's certificate or plant breeder's right certificate and Patent Cooperation Treaty international application(s) designating at least one country other than the United States for the same subject matter and having a filing date before that of the application the priority of which is claimed for that subject matter:

COUNTRY/REGION (OR P.C.T.)	APPLICATION No.	FILING DATE (day/month/year)	P	RIORIT	Y CLA	IMED
Great Britain	0220187.9	30/08/2002	X	Yes		No
				Yes		No
				Yes		No
				Yes		No
				Yes		No
I hereby claim the benef below:	it under 35 U.S.C. 119(e) o	of any United States prov	visiona	al applica	ation(s	s) listed
APPLICATION NO.		FILING DATE			,	

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s) listed below and under 35 U.S.C. 365(c) of any Patent Cooperation Treaty international application(s) designating the United States listed below:

United States	United States	Status (Pending,	Interna	itional
Application No.	Filing Date	Abandoned or U.S.	Application No.	and Filing Date
1	(day/month/year)	Patent No.)		(day/month/year)

I hereby appoint all of the registered practitioners associated with Customer No. 001095 respectively and individually, as my attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

If this box () contains an x , I hereby authorize the registered practitioners associated with Customer No. 001095 and any others acting on my behalf to take any action relating to this application based on communications from Corporate Intellectual Property of Novartis International AG, Basle, Switzerland, or an affiliate thereof or a successor thereto, without direct communication from me.

Please-send all correspondence relating to this application to the address associated with Customer No. 001095.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of sole			
or first joint inventor	Eva ALTMANN_		
nventor's signature -	Eva Alfuain	Date	18/01/05 (day/month/year)
Residence	4153 <u>Reinach.</u> Switzerland CHX		
Citizenship	citizen of Switzerland		
Post Office Address	Tannenweg 5 4153 Reinach Switzerland		
Full name of second oint inventor, if any	Claudia BETSCHART		
Inventor's signature -	Claura Petrual	Date	20. 1. 05 (day/month/year)
Residence	4054 Basel, Switzerland CHC		
Citizenship	citizen of Switzerland		
Post Office Address	In den Ziegelhöfen 93 4054 Basel Switzerland		
	Residence Citizenship Post Office Address Full name of second oint inventor, if any nventor's signature Residence Citizenship	Residence 4153 Reinach, Switzerland CHX Citizenship Citizen of Switzerland Tannenweg 5 4153 Reinach Switzerland Full name of second cint inventor, if any Claudia BETSCHART Residence 4054 Basel, Switzerland Citizen of Switzerland Citizenship Citizenship Citizen of Switzerland Citizen of Switzerland Citizenship Citizen of Switzerland In den Ziegelhöfen 93 4054 Basel	Residence Alfuau Alfuau Date Alfuau Citizenship Citizen of Switzerland Cost Office Address Tannenweg 5 4153 Reinach Switzerland Full name of second oint inventor, if any Claudia BETSCHART Claudia BETSCHART Date Residence 4054 Basel, Switzerland Citizen of Switzerland In den Ziegelhöfen 93 4054 Basel

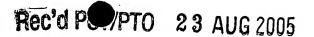
IMPORTANT: Before this declaration is signed, the patent application (the specification, the claims and this declaration) must be read and understood by each person signing it, and no changes may be made in the application after this declaration has been signed.

Full name of third			
joint inventor, if any	Kenji HAYAKAWA		
Inventor's signature		Date	
		_	(day/month/year)
0			
Residence	Hyogo Pref. 665-0871, Japan		
Citizenship	citizen of Japan		
Post Office Address	2-15-7 Nakayama-Satsukidai		
	Takarazuka-shi Hyogo Pref. 665-0871, Japan		
Full name of fourth	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
joint inventor, if any	Osamu IRIE		
Inventor's signature		Date	
•		-	(day/month/year)
Residence	Ibaraki Pref. 300-3253, Japan		•
Citizenship	citizen of Japan		
Post Office Address	4072-3-102, Ohzone Tsukuba-shi, Ibaraki Pref. 300-3253 Japan		
Full name of fifth joint inventor, if any	Junichi SAKAKI		
Inventor's signature		Date	
mventor 3 signature			(day/month/year)
Residence	Ibaraki Pref. 305-0051, Japan		
Citizenship	citizen of Japan		
Post Office Address	4-5-9, Ninomiya		
	Tsukuba-shi, Ibaraki Pref. 305-0051 Japan		

Full name of sixth joint inventor, if any	Genji IWASAKI	
Inventor's signature	Date	(day/month/year)
		(day/month/year)
Residence	Ibaraki Pref. 305-0046, Japan	
Citizenship	citizen of Japan	
Post Office Address	2-18-11, Higashi Tsukuba-shi, Ibaraki Pref. 305-0046 Japan	
Full name of seventh joint inventor, if any	Rene LATTMANN	
Inventor's signature	New Common Date	(day/month/year)
Residence	4104 Oberwil, Switzerland CHK	
Citizenship	citizen of Switzerland	
Post Office Address	Im Ziegelgarten 6 4104 Oberwil Switzerland	
Full name of eighth joint inventor, if any	Martin MISSBACH	
Inventor's signature	Date Date	(day/month/year)
Residence	5073 Gipf-Oberfrick, Switzerland CHQ	
Citizenship	citizen of Switzerland	
Post Office Address	Hofstrasse 15 5073 Gipf-Oberfrick Switzerland	

Full name of ninth joint inventor, if any	Naoki TENO		
Inventor's signature		Date	
			(day/month/year)
Residence	Ibaraki Pref. 300-1232, Japan		
Citizenship	citizen of Japan		
Post Office Address	1-25-12, Kamikashiwada Ushiku-shi, Ibaraki Pref. 300-1232 Japan		
Full name of tenth joint inventor, if any			
Inventor's signature		Date	
			(day/month/year)
Residence			
Citizenship			
Post Office Address			
Full name of eleventh joint inventor, if any			
Inventor's signature		Date -	(day/month/year)
			(day/month/year)
Residence			
Citizenship	-		
Post Office Address			

US Case PA/4 -32628A



DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION

X . C	Original	☐ Supplemen	ntal	☐ Substitute
				·
As a b	elow named inventor, I heret	by declare that:	•	
My res	sidence, post office address a	and citizenship	are as stated below nex	t to my name, and
and jo		name is listed	below) of the subject ma	ed below) or an original, first atter which is claimed and for
HETE	REOARYL NITRILE DERIVA	ATIVES		
the sp	ecification of which:			•
	is attached hereto.			
	was filed on (day	/month/year)	as Application No.	
	and, if this box (□) contains	s an 🗴		
	☐ was amended on			
		(day/month/yea	ar)	
X	was filed as Patent Cooper	ation Treaty into	ernational Application No	o.
	PCT/EP03/09621		29/08/2003 ay/month/year)	
	and, if this box (□) contains	s an 🗴		
	entered the national	al stage in the U	Inited States and was ac	corded Application No.
	and, if this box (□) contains	s an ×		
	□ was amended, substituting □ was amended, substituting	sequent to entr	y into the national stage	
				(day/month/year)

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COUNTRY/REGION (OR P.C.T.)	APPLICATION No.	FILING DATE (day/month/year)	PRIORITY	CLAIMED
Great Britain	0220187.9	30/08/2002	⊠ Yes	□ No
			☐ Yes	□ No
		:	☐ Yes	□ No
		:	☐ Yes	□ No
			☐ Yes	□ No
I hereby claim the benefit below:	t under 35 U.S.C. 119(e) of	f any United States provi	sional applicati	ion(s) listed
APPLICATION NO.		FILING DATE		

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Application No.	Filing Date	Abandoned or U.S.	Application No.	and Filing Date
	(day/month/year)	Patent No.)	-	(day/month/year)

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If this box (\Box) contains an $x \boxtimes$, I hereby authorize the registered practitioners associated with Customer No. 001095 and any others acting on my behalf to take any action relating to this application based on communications from Corporate Intellectual Property of Novartis International AG, Basle, Switzerland, or an affiliate thereof or a successor thereto, without direct communication from me.

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Full name of sole or first joint inventor	Eva ALTMANN	·	
Inventor's signature		Date _	
		• .	(day/month/year)
Residence	4153 Reinach, Switzerland		
Citizenship	citizen of Switzerland		
Post Office Address	Tannenweg 5 4153 Reinach Switzerland		
Full name of second joint inventor, if any	Claudia BETSCHART	• (·
Inventor's signature		Date	
			(day/month/year)
Residence	4054 Basel, Switzerland		
Citizenship	citizen of Switzerland		
Post Office Address	In den Ziegelhöfen 93 4054 Basel Switzerland		

IMPORTANT: Before this declaration is signed, the patent application (the specification, the claims and this declaration) must be read and understood by each person signing it, and no changes may be made in the application after this declaration has been signed.

	•			
3-W	Full name of third joint inventor, if any	Kenji HAYAKAWA		
	Inventor's signature	Lenje Kayafrawa	Date -	/5 / 0 4 / 2005 (day/month/year)
	Residence	Hyogo Pref. 665-0871, Japan JPX		
	Citizenship	citizen of Japan		•
	Post Office Address	2-15-7 Nakayama-Satsukidai Takarazuka-shi Hyogo Pref. 665-0871, Japan		
40	Full name of fourth joint inventor, if any	Osamu IRIE		
	Inventor's signature	Opamu Q	Date	(day/month/year)
	Residence	Ibaraki Pref. 300-3253, Japan		·.
	Citizenship	citizen of Japan		•
	Post Office Address	4072-3-102, Ohzone Tsukuba-shi, Ibaraki Pref. 300-3253 Japan		
5-00	Full name of fifth joint inventor, if any	Junichi SAKAKI		
	Inventor's signature	Junich Salah	Date	///o4/ 2505 (day/month/year)
	Residence	Ibaraki Pref. 305-0051, Japan JPX		
	Citizenship	citizen of Japan		
	Post Office Address	4-5-9, Ninomiya Tsukuba-shi, Ibaraki Pref. 305-0051		

•		•		
;-CD	Full name of sixth joint inventor, if any	Genji IWASAKI		
	Inventor's signature	Genji (wasaki	Date .	(day/month/year)
	Residence	Ibaraki Pref. 305-0046, Japan JPK		
	Citizenship	citizen of Japan		•
	Post Office Address	2-18-11, Higashi Tsukuba-shi, Ibaraki Pref. 305-0046 Japan		:
	Full name of seventh joint inventor, if any	Rene LATTMANN		
	Inventor's signature		Date	
	•			(day/month/year)
	Residence	4104 Oberwil, Switzerland	·.	
	Citizenship	citizen of Switzerland		
	Post Office Address	lm Ziegelgarten 6 4104 Oberwil Switzerland		
	Full name of eighth joint inventor, if any	Martin MISSBACH		
	Inventor's signature		_ Date	(dayles alb (sa)
				(day/month/year)
	Residence	5073 Gipf-Oberfrick, Switzerland		
	Citizenship	citizen of Switzerland		
	Post Office Address	Hofstrasse 15 5073 Gipf-Oberfrick Switzerland		

Post Office Address

		•		
7-00	Full name of ninth joint inventor, if any	Naoki TENO		
	Inventor's signature	Mulitur	Date _	cot/4/13 (day/month/year)
	Residence	Ibaraki Pref. 300-1232, Japan JPX		
	Citizenship	citizen of Japan		
*	Post Office Address	1-25-12, Kamikashiwada Ushiku-shi, Ibaraki Pref. 300-1232 Japan		
	Full name of tenth joint inventor, if any	·		
	Inventor's signature		Date _	(day/month/year)
	Residence	•		
	Citizenship			
	Post Office Address	•		
		·		•
	Full name of eleventh joint inventor, if any			-1.00
	Inventor's signature	· · · · · · · · · · · · · · · · · · ·	Date	(day/month/year)
	Residence			
	Citizenship			